Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Previously Presented) An apparatus for use with an electrophysiology device that includes a coagulation element, the apparatus comprising:

a main body;

a suction region associated with the main body;

a stimulation element on the main body;

a stimulation energy sensing element on the main body; and

a connector, located between the stimulation element and the stimulation energy sensing element, configured to secure at least a portion of the electrophysiology device to the main body adjacent to the suction region.

2. (Original) An apparatus as claimed in claim 1, wherein the suction region comprises a plurality of suction regions and the stimulation element comprises a plurality of stimulation elements.

3. (Original) An apparatus as claimed in claim 1, wherein the stimulation element comprises a stimulation electrode.

4. (Original) An apparatus as claimed in claim 1, wherein the stimulation element comprises a stimulation electrode pair.

5-6. (Canceled)

7. (Previously Presented) An apparatus as claimed in claim 1, wherein the stimulation energy sensing element comprises a stimulation energy sensing electrode.

8. (Previously Presented) An apparatus as claimed in claim 1, wherein the stimulation energy sensing element comprises a stimulation energy sensing electrode pair.

9. (Original) An apparatus as claimed in claim 1, wherein the suction region comprises first and second suction ports and the connector is positioned between the first and second suction ports.

10. (Previously Presented) An apparatus as claimed in claim 1, wherein

the stimulation energy sensing element is adjacent to the first suction port; and

the stimulation element is adjacent to the second suction port.

11. (Original) An apparatus as claimed in claim 1, wherein the connector is configured to removably secure at least a portion of the electrophysiology device adjacent to the suction region.

12. (Previously Presented) A system for use with an electrophysiology device that includes a coagulation element, the system comprising:

a suction source; and

an apparatus, adapted to be operably connected to the suction source, including a main body, a suction region associated with the main body, a stimulation element on the main body, a stimulation energy sensing element on the main body, and a connector, located between the stimulation element and the stimulation energy sensing element, configured to secure at least a portion of the electrophysiology device to the main body adjacent to the suction region.

13. (Original) A system as claimed in claim 12, wherein the suction region comprises a plurality of suction regions and the stimulation element comprises a plurality of stimulation elements.

14. (Original) A system as claimed in claim 12, wherein the stimulation element comprises a stimulation electrode.

15. (Original) A system as claimed in claim 12, wherein the stimulation element comprises a stimulation electrode pair.

16-17. (Canceled)

18. (Previously Presented) A system as claimed in claim 12, wherein the stimulation energy sensing element comprises a stimulation energy sensing electrode.

19. (Previously Presented) A system as claimed in claim 12, wherein the stimulation energy sensing element comprises a stimulation energy sensing electrode pair.

20. (Original) A system as claimed in claim 12, wherein the suction region comprises first and second suction ports and the connector is positioned between the first and second suction ports.

21. (Previously Presented) A system as claimed in claim 12, wherein

the stimulation energy sensing element is adjacent to the first suction port; and

the stimulation element is adjacent to the second suction port.

22. (Original) A system as claimed in claim 12, wherein the connector is configured to removably secure at least a portion of the electrophysiology device adjacent to the suction region.

23. (Previously Presented) A system, comprising:

an electrophysiology device including a support structure and a coagulation element carried on the support structure; and

a stimulation apparatus including a main body, a suction region associated with the main body, a stimulation element on the main body, a stimulation energy sensing element on the main body, and a connector, located between the stimulation element and the stimulation energy sensing element, configured to secure at least a portion of the electrophysiology device to the main body adjacent to the suction region.

24. (Original) A system as claimed in claim 23, wherein the electrophysiological device support structure defines a cross-sectional size and shape and the connector defines a corresponding cross-sectional size and shape.

25. (Original) A system as claimed in claim 23, further comprising:

a suction source adapted to be operably connected to the stimulation apparatus.

26. (Original) A system as claimed in claim 23, further comprising:

a stimulation energy source adapted to be operably connected to the stimulation apparatus.

27. (Original) A system as claimed in claim 23, further comprising:

a coagulation energy source adapted to be operably connected to the electrophysiology device.

28. (Original) A system as claimed in claim 23, wherein the electrophysiological device includes a plurality of spaced coagulation elements, the stimulation apparatus includes a plurality of spaced stimulation elements, and the electrophysiological device and stimulation apparatus are respectively configured such that the coagulation elements will be adjacent to respective stimulation elements when the electrophysiology device is connected to the stimulation apparatus.

29. (Canceled)

30. (Original) A system as claimed in claim 23, wherein the stimulation element comprises a stimulation electrode.

31. (Original) A system as claimed in claim 23, wherein the stimulation element comprises a stimulation electrode pair.

32-33. (Canceled)

34. (Previously Presented) A system as claimed in claim 23, wherein the stimulation energy sensing element comprises a stimulation energy sensing electrode.

35. (Previously Presented) A system as claimed in claim 23, wherein the stimulation energy sensing element comprises a stimulation energy sensing electrode pair.

36. (Previously Presented) A system as claimed in claim 23, further comprising:

an electrophysiology recording apparatus adapted to be operably connected to the stimulation energy sensing element on the stimulation apparatus.

37. (Previously Presented) A system as claimed in claim 23, wherein the connector is configured to removably secure at least a portion of the electrophysiology device adjacent to the suction region.

38-46. (Canceled)

47. (New) An apparatus as claimed in claim 1, wherein the stimulation element and the stimulation energy sensing element are each too small to form a transmural myocardial lesion.

48. (New) A system as claimed in claim 12, wherein the stimulation element and the stimulation energy sensing element are each too small to form a transmural myocardial lesion.

49. (New) A system as claimed in claim 23, wherein the stimulation element and the stimulation energy sensing element are each too small to form a transmural myocardial lesion.

50. (New) An apparatus for use with an electrophysiology device that includes a coagulation element, the apparatus comprising:

a main body defining a longitudinal axis;

a suction region associated with the main body;

a connector configured to secure at least a portion of the electrophysiology device to the main body adjacent to the suction region;

means, carried by the main body, for stimulating tissue that is adjacent to the main body and on one side of the longitudinal axis; and

means, carried by the main body, for sensing stimulation energy in tissue that is adjacent to the main body and on the other side of the longitudinal axis.